```
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: [year=2008; month=5; day=2; hr=14; min=32; sec=46; ms=342; ]
______
Reviewer Comments:
<210> 1
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified base
<222> (2)..(2)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Ferrocen modified T
<220>
<221> modified base
<222> (14)..(14)
<223> Ferrocen modified T
<220>
```

<221> modified\_base

<223> Ferrocen modified T

<222> (17)..(17)

```
<220>
<221> modified_base
<222> (20)..(20)
<223> Ferrocen modified T
<220>
<221> modified base
<222> (26)..(26)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (32)..(32)
<223> Anthraquinone modified T
<220>
<221> modified base
<222> (38)..(38)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (41)..(41)
<223> Anthraquinone modified T
<400> 1
                                                                      48
ctgcatgatg tagtgctggt acacgtctac aacgtgcact ttgttcac
The <220>-<223> sections describing "t" at locations 32 and 38 are
incorrect: "a's" are at those locations.
<210>
      2
<211>
<212> DNA
<213> Artificial
```

```
<220>
<223> Functional Element of Electronic device
<220>
<221> modified_base
<222> (2)..(2)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (17)..(17)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (20)..(20)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (29)..(29)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (35)..(35)
<223> Anthraquinone modified T
<220>
```

<221> modified\_base

<222> (38)..(38)

<223> Anthraquinone modified T

<220>

<221> modified\_base

<222> (44)..(44)

<223> Anthraquinone modified T

<400> 2

gtgaacaaag tgcacgttgt agacgatatc cagttagatc tcgaacta

48

The <220>-<223> sections describing "t's" at locations 38 and 44 are incorrect: "a's" are at those locations.

\*\*\*\*\*\*\*\*\*\*\*

## Validated By CRFValidator v 1.0.3

Application No: 10768180 Version No: 1.0

Input Set:

Output Set:

**Started:** 2008-04-21 19:08:22.677 **Finished:** 2008-04-21 19:08:23.994

**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 317 ms

Total Warnings: 9

Total Errors: 0
No. of SeqIDs Defined: 9

Actual SeqID Count: 9

Error code		Error Description									
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(1)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(2)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(3)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(4)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(5)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(6)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(7)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(8)
W	213	Artificial	or	Unknown	found	in	<213>	in	SEQ	ID	(9)

## SEQUENCE LISTING

```
<110> Fujitsu Limited
<120> Electronic Device
<130> FJ-M288-US
<140> 10768180
<141> 2008-04-21
<150> JP 2003-26334
<151> 2003-03-03
<160> 9
<170> PatentIn version 3.1
<210> 1
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (2)..(2)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (14)..(14)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (17)..(17)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (20)..(20)
<223> Ferrocen modified T
```

```
<221> modified_base
<222> (26)..(26)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (32)..(32)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (38)..(38)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (41)..(41)
<223> Anthraquinone modified T
<400> 1
ctgcatgatg tagtgctggt acacgtctac aacgtgcact ttgttcac
                                                                     48
<210> 2
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic device
<220>
<221> modified_base
<222> (2)..(2)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (17)..(17)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (20)..(20)
```

<223> Ferrocen modified T

```
<220>
<221> modified_base
<222> (29)..(29)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (35)..(35)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (38)..(38)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (44)..(44)
<223> Anthraquinone modified T
<400> 2
gtgaacaaag tgcacgttgt agacgatatc cagttagatc tcgaacta
                                                                     48
<210> 3
<211> 48
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (5)..(5)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (17)..(17)
<223> Anthraquinone modified T
```

```
<221> modified_base
<222> (23)..(23)
<223> Anthraquinone modified T
<220>
<221> modified_base
<222> (29)..(29)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (41)..(41)
<223> Ferrocen modified T
<220>
<221> modified_base
<222> (44)..(44)
<223> Ferrocen modified T
<400> 3
                                                                     48
tagttcgaga tctaactgga tatcgtgatc cagcactaca tcatgcag
<210> 4
<211> 21
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (2)..(2)
<223> Tetraphenyl benzidine modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> 2-Phenyl-5(4-diphenyl)-1,3,4-oxazole modified T
<220>
<221> modified_base
<222> (14)..(14)
<223> 2-Phenyl-5(4-diphenyl)-1,3,4-oxazole modified T
<220>
<221> modified_base
<222> (17)..(17)
```

<223> Tris (8-hydroxyquinolinate) modified T

```
<400> 4
ctccatgatg tagtggtaca c
                                                                     21
<210> 5
<211> 24
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (17)..(17)
<223> Tetraphenyl benzidine modified T
<220>
<221> modified_base
<222> (20)..(20)
<223> Tetraphenyl benzidine modified T
<400> 5
                                                                     24
gagtaccagc actacatcat gcag
<210> 6
<211> 32
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<400> 6
                                                                     32
gatcactaga aagactacga tgattacgac ta
<210> 7
<211> 8
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (1)..(1)
<223> Chemically modified T
```

```
<221> modified_base
<222> (4)..(4)
<223> Chemically modified T
<220>
<221> modified_base
<222> (7)..(7)
<223> Chemically modified T
<400> 7
                                                                     8
tagtcgta
<210> 8
<211> 12
<212> DNA
<213> Artificial
<220>
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (2)..(2)
<223> Chemically modified T
<220>
<221> modified_base
<222> (5)..(5)
<223> Chemically modified T
<220>
<221> modified_base
<222> (8)..(8)
<223> Chemically modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Chemically modified T
<400> 8
                                                                    12
atcatcgtag tc
<210> 9
<211> 12
<212> DNA
<213> Artificial
```

<220>

```
<223> Functional Element of Electronic Device
<220>
<221> modified_base
<222> (2)..(2)
<223> Chemically modified T
<220>
<221> modified_base
<222> (5)..(5)
<223> Chemically modified T
<220>
<221> modified_base
<222> (8)..(8)
<223> Chemically modified T
<220>
<221> modified_base
<222> (11)..(11)
<223> Chemically modified T
<400> 9
tttctagtga tc
```

12